

United States Department of Agriculture

FIELD DIARY

OF

Mr.

(Official title.)

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## INSTRUCTIONS.

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When this book is filled another may be secured by application to the chief of your Bureau or to the disbursing officer of the Department.

*James Wilson*

*Secretary of Agriculture.*

Thursday June 4  
Left Washington at 7:35  
on B & O. Dr Smith on train

Friday June 5. Arrived  
Chicago at 5 P.M.  
Went on at 10 P.M. met  
Mr Parker on train.  
Dr Smith goes west also

Saturday June 6. Arrived at  
St Paul 10:20 left at  
11. Moorhead about 6 P.M.

Sunday June 7.  
Reached Duluth at 11:20  
Lunch at 2:30  
Bottle before dark

Monday June 8 Reached  
Seattle at 8:15. Dinner  
met by Joseph & Elizabeth  
at Mrs. Washington's house  
Have to wait for Canadian Commences

Tuesday June 9  
Saw a night to McCollucke  
met Capt. Whinnath

Wednesday attended meeting of  
F. W. H. S. and spent part  
of afternoon in St. Paul

Thursday June 12 Arrived Akutan  
No collected and sailed at 2:30  
Packed for tomorrow before dark

Friday June 13 Arrived out of  
sight of land. Rather rough  
and somewhat scarce 217 miles  
48-34-26-20-9

Saturday June 14 Day rather  
pleasant and engine feels better  
from 50-22 x 131-25.6! (217.1 miles)

Sunday June 14. Day fine &  
warm. Clear in forenoon  
foggy toward night  
from 51-32.7 x 136-49.1 220.5

Monday June 15  
52-34 x 142-40.5  
from 51-32.7 x 136-49.1  
229.5 miles

Tuesday June 16

from 53-11.9 x 148-49.5 - 224 miles

Wednesday June 17  
53-43.6 x 154-58.6  
made 222 miles in noon

Day mostly fine. Clear  
in afternoon with wind  
rather fresh in evening

Thursday June 18

Lat 53-36 N Long 161-03.5  
226 miles to noon

Friday June 19 Arrived  
at Akutan Harbor about noon  
Dropped anchor and went back on the  
hill and collected a few birds.  
Found a few Ptarmigan on the  
high rocky ridges. Rather good  
of others left Akutan in boat  
there is a large whaling

station on right hand side of harbor  
somewhat whaler the village  
along part of the coast is  
all hillsides and open

the hill which is prominent  
is a good one for perching  
they have taken about 20 whales  
in the season

15 miles in yesterday 105 miles  
Pacific Sea Products Co 701 Center Street Seattle

Saturday June 20 We left

Akutan in the forenoon and  
reached Unalakleet shortly after  
noon. Stopped here for 2 or  
3 hours

Met Mr. Applegate who has  
been here on several small  
islands near the coast

did not feel any force was  
 lost through an accident of low  
 pressure

He says that sea otters have  
 become much fairly common  
 again in certain spots.

June 21 to St Paul

We reached St Paul Islands  
 shortly after 5 o'clock and  
 anchored off the village. The  
 Buffalo here to take supplies for  
 and work on the American  
 station was in the bay.  
 We had supper on the boat  
 and shortly afterwards were  
 taken ashore. We were met by  
 Mr Hatten agent in charge  
 from some quarters in the big  
 Company House

Monday June 22

Capt. Meredith and some of the  
 officers came ashore and all  
 of us went out to Gorbach  
 rocky and looked over the  
 scenery. Many harems and pups  
 in the afternoon we went  
 over to Kitovi rocky and  
 looked at some. Just beyond

and separated from the bay by  
 a sheer cliff see Takam  
 both were well supplied with  
 bulls a few of which had  
 pups and there were a few  
 pups. We saw several foxes  
 and many sled dogs, also  
 when we reached Gorbach  
 a harem was occupied but  
 could not get at it from  
 beneath an anchorage in the  
 cliffs.

Tuesday June 23. We put in  
 the forenoon on Gorbach Rocky  
 counting the harems with cows  
 and pups. The count follows.

Count	B.	C	P	Total
(23)	1	-	1	
(22)				2
(19)	1			
(18)	1			
(17)	1		1	
	1		2	1
	1		1	
(16)	1	-	3	
	1 (H)		3	1
	1		1	
	1			

do not kill any more  
but waste an amount of  
time



1  
1  
1                    2                    1

(14)

1  
1  
1  
1  
1  
1  
1  
1                    10                    2  
1  
1  
1  
1                    1  
1                    1

(10)

1			
1			
1			
1		1	1
1		4	1
1		1	1
1			
1			
1		4	
1			
1			
1		2	1
1		1	

(12)

1			
1		2	1
1		1	
1			
1			
1			

(11)

1			
1			
1		1	
1			
1		2	
1		3	1
1		2	
1		1	

10

3

/

/

/

/

(7)

(6)

/

/

/

/

/

/

/

/

/

/

/

/

/

2

/

/

/

/

/

/

/

/

(4)

/

/

/

/

/

(big red)

/

/

/



1	1	1
1		
1		
1		
1		
1	1	
1	1	1
1		
1		
92	62	14
93	61	11
94	65	11
95	67	17
96	63	11

In the afternoon we went out along Laguna Rostery and found 5 bulls 2 cows 2 quitters. Afterward on to Jilstar cliffs and skinned down in evening.

1 bull - 1 cow - 2 quitters



+

+

x

x

(8)

x

x

+

x

x

x

(19)

x

x

x

14-7-5

x<sup>3</sup>+1

x<sup>2</sup>

14-17-13

x  
x  
x

x  
x

(18)

x  
x

x  
x

x  
x

x  
x  
x

x  
x

x  
x

x

Antennae

x  
-  
-  
-  
-  
-

x

x

x

x

x  
x

x  
x

x

x  
x

x

15-7-2

x

x

wall of rock

x  
x

x 1

x 3-1

+

x 2

x

x 2

x

x 11-4

x

x 7-3

x 1

11-23-8

x x

x

x

x

x 2

x

x 1

x 1-1

x 11-3

x

x

x 2

x

26-21-4

x

x

x 2

x 1

x x

x

x x

x

x

x

x

+

17-12-3

X-1

X 2

X 3

X

X 2-1

X 2-1

X 2-1

X

X

X

X

X

X-11-5

X-1

X

X

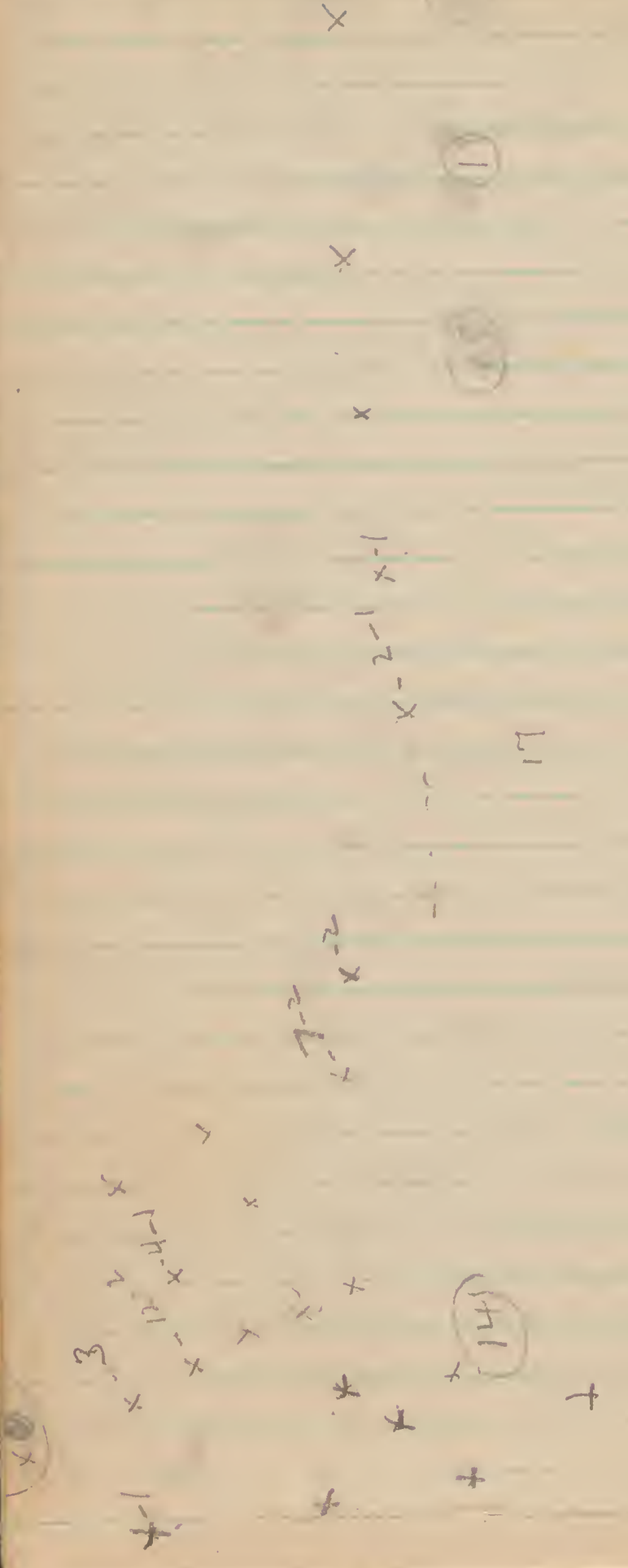
Notes for Foshan

9	13	4
17	12	3
26	21	4
11	23	8
15	7	2
14	17	13
14	7	13
106	100	37

on the hauling ground beyond  
 were several hundred (perhaps  
 500) hauled out. They come of  
 various sizes including a few nearly  
 full grown balls.

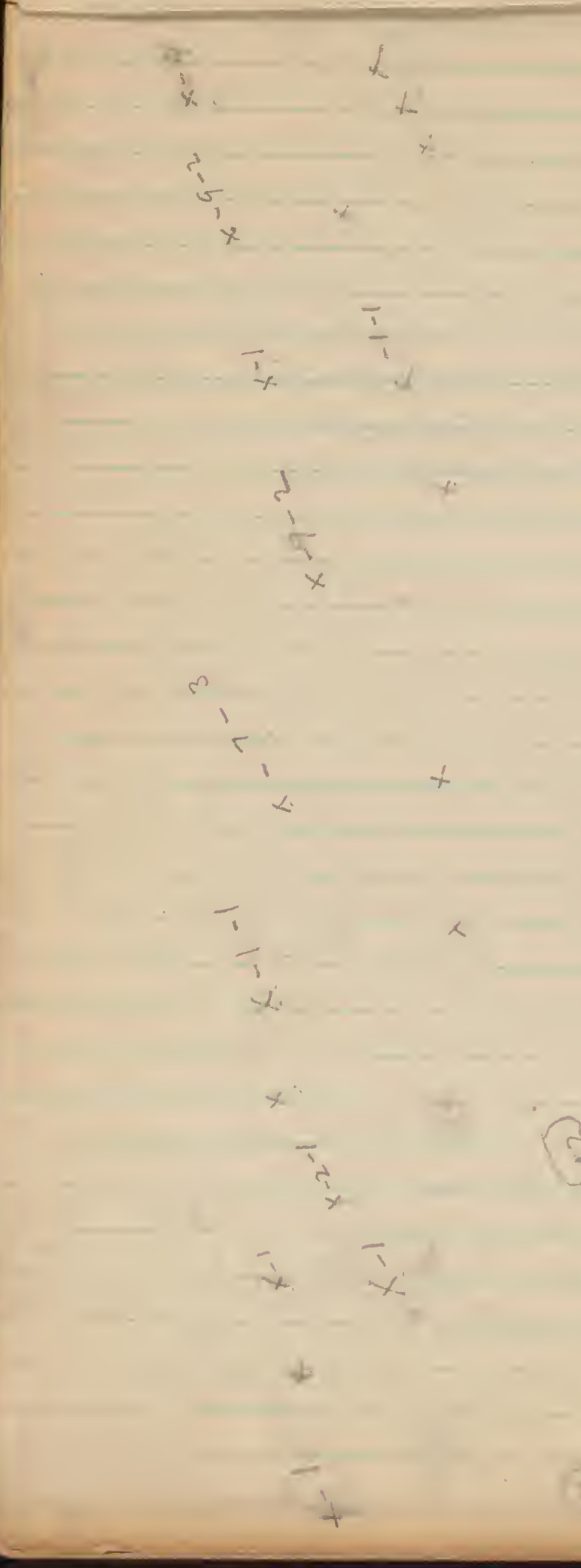
Wed. March 30

90, 125-0



23-32-6  
 26-36-10  
 13-18-11  
 18-12-1

17



20-37-10

13

12

11

13-13-5

10

+ + +

+ + + + +  
+ + + + +  
+ + + + +

10

+ + + + +  
+ + + + +  
+ + + + +

*Handwritten scribble*

x

18-10-

x

x

x

x

+ +

x

x

+ + +

+ + +

+ + +

+ + +

x

x

Embata

x

(1)

x

x

x

x

x

x-2-1

x-2-

x-12-5

x

x

x

x

Ardeguen

4-2

9-14-1

(4)

12-10-1

x-1

x-1

x

x-1

x-1

x

x

x

x

Deep water has about  
165 bulls

We spent a few minutes on the  
sally house, and watched the  
natives take some sally stems from  
the bunch and pile them on the  
'book'

Thursday June 25

In the forenoon we went to return  
with the movie camera. We  
went to a large beach section  
on the rocks. Mr. Thompson took  
many of the largest he was  
getting, and the other the  
movements were also very  
laborious. There were four  
more on Ktavi

we took a few feet of film  
to test the camera later  
for practice.

Harmon counted 46 bulls &  
24 cows (17 harems) & 4 pups  
Whitney & Parker & Gorbals  
100 bulls. 243 cows (46 harem) 4/1/40

In the afternoon all of us  
went over to Tolstoi Bakery  
Dr. Whitney counted the  
bulls and harems on  
both rookeries and found  
122 bulls

Osgood and I took quite a series  
of movie pictures of a harem  
with about a dozen cows.  
During a temporary absence of the bull  
a new cow came up from the  
water and entered the harem. The  
other cows greeted her by nosing  
and biting. When the master  
turned and saw the newcomer  
he rushed through the harem to  
the cow but as he reached her  
she broke away and went into  
the water. He did not attempt  
to detain her, and paid no  
more attention to her.  
A bull near by with only one  
cow seemed sleepy and  
paid no attention to the large  
harem even when it was  
practically unguarded.

We went into the hauling ground  
and set up our cameras at  
the point of the small cliff opposite  
the lower part of the mass



Parker started then and as they  
 rushed towards the water we  
 sailed off about 20 or 30 feet

We received a note from  
 Hanna asking if we wanted  
 data on Franked 1912 seals

Friday June 26.

In the forenoon we went over  
 to Zapadne in a large  
 skiff  
 on the cliff at the farther  
 end of the rookery were many  
 birds nesting. Kittiwakes  
 Murres Cormorants Horned  
 Puffins Paroquet auklets -

We counted the rookery  
 and found on Zapadne  
 proper

103 bulls 34 of which had  
 harems

The count in detail follows

Madnie June 26

1-3-1	1-6
1	7-
1	1-1
1	1
1	1-2
1-1	1-6
4	2
1	1-6
1-1	2
1-2-2	10.
1-1	4-
1	-6H
1-1	1
1	29
1	-8.H
1-13	2
1-4	2-
1	2-H
1-2	3
1-1	2
4	1-H
5	H
1-3-1	B-109
	H-34
33 - 11 -	70 - 23

1 -	3 - 1
1 -	5 - 1
1 -	
1 -	5 - 3
3 -	21 - 10
1 -	3 - 1
1 -	
1 -	4
32	42 - 24

54

Parker started them out as they  
 washed towards the water we  
 ruled off about 20 or 30 feet

on little Japanese I com-  
 manded 69 bulls with 36 Harem

The count follows.

Bulls	Harem
8	4
33	15
2	3
7	2
18	6
1	6
<hr/> 69	<hr/> 36

Whitney counted 64 bulls  
 Parker 68  
 Ogford 68

In the afternoon Ogford  
 and I went over to batch  
 feeding about the usual  
 number of bulls but a great  
 many increased number of  
 cows. The count follows

June 26 Batch ✓

21	1 -		
	1 -		
18	1 -	1	
	1 -	1 -	1
	1 -	2 -	1
17	1		
	1 -	5 -	3
	1 -	11 -	7
	1 -	1	
	1 -	1	
	1 -	1	
	1 -	5 -	3
	5 -		
	2		
	1 -	22 -	8
	1 -	3 -	1
	1 -	5 -	1
	1 -		
	1 -	5 -	3
	3 -	21 -	10
	1 -	3	1
	1		
	1 -	4	
	<hr/> 32	<hr/> 22	<hr/> 28

1 - 19 - 9  
 /  
 /  
 1 - 14 - 7  
 1 - 1 - 1  
 1  
 1 - 2 - 1  
 1 - 1 - 1  
 1 - 2 - 1  
 1 - 1 - 1  
 1 - 1 - 1

(11) 1 - 1  
 1 - 1  
 1 - 1  
 1 - 1 - 1  
 1 - 3 - 1  
 1 - 4 - 2  
 1 - 5 - 3  
 1 - 3  
 1 - 5 - 2  
 4 -

200 Bachelors

1  
 1 - 2  
 1 - 1  
 1  


---

 28      67      29      18 hours

1 - 2  
 4  
 1 - 1  
 2  
 1 - 2  
 1 - 10 - 4  
 2  
 1 - 3 - 1  
 1 - 1  
 1 - 1  
 1 - 1  
 1 - 3  
 1 - 1  
 1 - 1 - 1  
 1 - 2  
 1 - 1  
 1 - 1  
 1 - 1 - 1  
 1 - 4 - 3  
 1 - 2 - 1

1  
 1 - 1  
 1  


---

 32      39      11      19 hours  
 28      67      29      18  
 32      92      39      17  


---

 92      198      79

Arthropods

Left 1  
 1 - 1  
 1 - 14 - 6  
 1 - 3  
 1 - 3  
 1 - 4  
 1 - 5  
 -----  
 8 - 30 - 6

June 27. To N.E. Point

We went up to N.E. Point with  
 Lewis, arriving just before 11 AM.  
 Mr Whitney & Mr Harmon went  
 on ahead and counted Palovina  
 Rockery as follows

<u>Palovina</u>	<u>B</u>	<u>H</u>	<u>C</u>
Harmon	38	10	62
Whitney	36	7	60+
<u>Palovina Cliffs</u>		<u>H</u>	<u>C</u>
Harmon	17	10	28
Whitney	18	11	38
<u>Little Palovina</u>	<u>B</u>	<u>H</u>	<u>C</u>
Harmon	13	7	28
Whitney	11	6	28

Palovina and Whitney counted  
 the other rockeries as follows:

<u>Marguerite</u>		about 200 of each
Parker		
Whitney		
<u>Vestibule</u>		}
Parker	248	
Whitney	249	

On the Pleasure rockery, we had about  
 20 birds with large numbers. We  
 got near to the birds but went  
 up the same time to the water.

The bulls followed into the bay  
 and with some of the water and  
 covered from lights on  
 the shore. The bulls were  
 in a row, some were  
 facing forward some were  
 and some were up to  
 slope by the shore and some  
 back and some kept up  
 a deep sound. The  
 bulls were of different families  
 and changed in appearance  
 to each. Apparent of the cows  
 had out stampede and white  
 bulls were the better covered  
 than the ground.

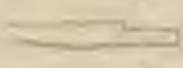
With some many of us stood  
 the point of the island.

At about a small pond near the  
 lake, we saw a pair of sheep  
 and we were surprised to find  
 that as if they had a nest which  
 was not visible to us.

Found the Phalaropus tricolor  
 some were in all points about  
 the lake and some were  
 on the rocks, nesting. Several  
 found of Turdus caerulescens  
 were seen near the pond  
 and some were in the water.

Sunday June 28 N.E. Point

We remained at N.E. Point hoping  
 for good weather for a photograph  
 but it rained and the snow  
 the following morning.

Everyone talks about the young bulls  
 are killed for their hides and  
 meat. The skins of 12 are needed  
 for one boat which lasts 4  
 or five years on the frame. The skins  
 are scoured by the edges which  
 are cut thus  and lapped  
 and scoured on both sides. The old  
 hides are not killed.

After the sea has passed all  
 over and the bulls have been  
 the females with their young cows  
 and scatter along the shore.

The natives get 5 for blue faces  
 and 1 for white ones. About  
 10 white ones were taken last  
 winter. Some say for the  
 male for some with the 5 and  
 half but food for the young.

All the sailing dogs - some except  
 a few old males. In March  
 about 1 may. They return the same  
 first.

In the fall there are some  
 Eskimo houses in the  
 tracks and many of the  
 and best game

July 29

was out at Deception Rock  
 in the forenoon and  
 and took photographs  
 of the birds and seals  
 which Whitney & Parker  
 counted the seals  
 we saw several seals  
 (5 or 6) on the rocks around  
 that out.

On the island were breeding  
 a number of Commons  
Kittiwake gulls Col. Long Bunting  
Imperial Puffins & murres

Deception Rock

Parker & Whitney counts

63 = 364 C 15 H (Whitney)  
 55 H (Parker)

(Parker & Whitney)  
 July 30 Gabelok

1	-	3	
1	-	1	
1	-	2	2
1	-	2	2
1	-	1	
1	-	6	4
1	-	30	12
1	-	1	
1	-	2	1
1	-	2	
2	-	2	
1	-	20	4 +
1	-	2	1
1	-	1	
4	-		
3	-	120	20 +
3	-	16	5
4	-		
1	-	1	
1	-	28	2 + many eggs
1	-	22	100 (122)
1	-	24	
1	-	26	
1	-		
1	-	27	20
1	-	1	
1	-	3	4
1	-	26	

The nests had 2 eggs for fresh but the eggs were  
 the same as the birds were killed.

2			
1	2	2	
1	5	2	
1	3	2	
1	1		
1	1		
1	9	5	
1	2	6	
1	20	6	
1	3	7	
1	9	5	
1	4		
1			
1			
1	2		
1	1		
1	6		
1	1		
2			
1	18		
1			
1	1	1	
1	3		
0	20		

1				
1	16		3	
1	1			
1				
1	8		8	
1	3			
1				
1	2			
1	4			
1	1			
1	8			
1	5			
1				
1	1			
1	16			
1	1		1	
1	1		1	
1				24
1	4	1		20
1	1	1		27
1	5			195
1	15			26
1				20
1	2			30
1	5			72 A
2				
27	19			
<i>Ardisia</i> (i. n. n. n.)				
1	12	6		
1	10			
1	6			
1	3			
1	1			
1	15			
1	3			

July 1

There was a fair breeze from the Reef probably. The natives were up early and before breakfast time had about 1000 moved on the killing grounds near the little lake.

Killing began just after breakfast and a lot of about 10 or 25 were separated and then supposed to be 3 years old were clubbed in mortality. These were then struck in the heart or to provide a bit allowed to bleed. The total kill was 216. Of these were selected 35, which were tagged and measured for total length, tip of nose to base of tail. There were noted as adults.

Three others were measured for total length & ~~with back of flippers~~ were measured as complete specimens. 4 others, whose bones (T<sub>1</sub> back of head) showed them to be 2 year olds were also owned as complete specimens. These were measured (1) nose to base of tail with base of flippers, (2) with paddle.

These 35 skins were weighed and recorded and each skin was measured for length and breadth by being laid out on

the table as usually is done, not being stretched and the edges being pulled out just enough to counteract the curling inward which takes place when a fresh skin is laid down.

After being done the 35 skins were salted in the regular way being put in a bucket by themselves. The 7 specimens were turned over to a native Jukka who is skilled in preparing skins for specimens. They were to be salted in the regular way, or that if they are not measured as specimens they may be dressed & flippers <sup>lower part</sup> and web burned.

On the ground there were released  
on dove mostly small 50  
on killing ground (small) 44.8  
" 4 to 5 year old 62  
2 year old (rounded T  
(after clipping) 4  
Killed 209 - 4 also 7 216

780

Dr. Hutton considered that this constituted about one fifth of the total on landing ground at Reef.



July 2.

In the forenoon report, Patti  
Walter & myself had a talk  
with the chief John  
regarding the food requirements.  
The chief said that last winter the  
halems were short of food, espe-  
cially in the winter, owing to a scarcity  
in the amount pulled.

Request of his final statement was that  
14 seals for a family of 8 was needed  
for the 8 months when fresh meat was used  
and 7 a month during the 4 months  
(Jan Feb Mar & Apr) when pulled meat was  
used.

In the afternoon we went over part  
of the hunting line.

In Falstov, not much increase in  
dull. but great increase in  
no. of harems. Short many of them  
containing small.

Falstov July 2.

<u>H</u>		<u>H</u>
2	-	2
2	-	2
1		
1	-	1
4	-	4
1	-	1
5	-	5
1	-	1
3	-	3
8	-	8
4		
1		
<hr/> 32		27
1	-	1
11		11
3		
8	-	8
3		2
2	-	2
6		
4		4
1		1
3		
16		16
4		
2		
6	-	6
<hr/> 4		<hr/> 51
75		27
32		<hr/> 78
107		

July 3 went over by Fort Belknap  
in afternoon and watched some of  
the herds of about half a dozen  
or that but some 5 or 6 cows were  
within a hundred yards, several  
cows bounded over one bar across the  
back some of the cows coming in and  
plunging ground, most appear to have  
pups. That is, the number of pups  
seems to nearly equal the number of  
cows in a herd.

The ordinary voice of the bull is  
a roaring, guttural roar, varying  
in intensity according to his temper  
and provocation. As the bull ~~comes~~  
into view with a cow

we estimated 200 buckskins on the  
Fort Belknap hauling grounds  
and between 200 and 300 on  
the Deep Hauling grounds

The afternoon was stormy  
and we did not do any field  
work

Down a bull leap from  
a ledge at least ten feet  
high on the rock a bull  
+ other cows which had started  
away

Saturday July 4

Whitney and I went along the cliff  
near Earl Landing and collected a  
few birds & eggs

Found 2 nests of Cassin's and eggs  
one of 5 birds collected but accidentally  
broken. The other were fresh but  
were very near hatching - and were not  
taken

Whitney took a couple of Sceloporus  
to land and to me and what I  
thought

July 5. Heavy most of day  
and little else visible  
Spent part of day mounting  
the birds from Nelson's  
books

July 6. The Uralga (Horned  
Cattle) appeared in the early  
morning. In the afternoon we went  
about 10 miles with the <sup>Hanley</sup> ~~captain~~  
in order to get the Uralga ~~books~~  
& returned until I had explicit  
order not to take <sup>any</sup> ~~any~~ from the  
herds. He sent a message to Capt  
Spencer at Uvalde asking if he  
wished to get an answer.  
At 10 PM. Spence came out



Thursday July 9

The albatross were in the water  
around the boat landing  
about 9 AM. We expected  
to go in to some extent and  
we did not go out on the  
rocks. Took some photos.

In the afternoon we got  
out and went down to get  
to take some records but  
the weather was unfavorable  
and we had no success.  
The birds are now in  
large that they merge together  
in many places.

Mr Jones came aboard in  
the afternoon. He said  
we could go to St George  
on the Albatross tomorrow.

Mrs Whitman came on the Albatross  
from St George.

Friday July 10 To St George

We went aboard about 8 and  
got away about 12 o'clock.  
The day was cloudy but with little  
fog.

At about 10 AM we  
saw about 100 birds  
us. Mr Parker & Mr  
subject. We were  
by the water and were  
assigned quarters in the house.  
I got water and the rest looked at  
the various workers.

Saturday July 11

We went out in the steam launch  
morning to land at St George  
today as the Albatross. We  
found a very good landing  
that we went on to the high cliffs  
in land and climbed part  
way up a steep ravine and  
during a dull in the weather.

Sunday July 12

I took 3 Cummings as my Friday  
The forenoon was quite rainy. In  
the afternoon it seemed promising  
again and I went out with the  
main part north side, getting  
to take sea birds there. The place did  
not promise well, so I decided  
to go on to the high cliff. When  
I got there there was a little  
time of dull sunlight and  
I took quite a lot of birds  
Falcons which bled number, Red legged  
 Kittiwake, Horned Puffin & Parquet  
 auklet. There were many  
Parquet's Falcons breeding there  
and back shortly after 10  
o'clock

July 13 to Japanese & Russian

Went on to Japanese in forenoon  
arriving at 10<sup>30</sup> went out on  
rocks

counted 15 bulls with harems  
one other bull & quill

about 37 bachelors

Japanese total 500 bachelors

7-7-12 Bulls 25  
the bulls 7

North side 15 harems

1 bull

17 bachelors

2 "

2 "

14

1

14

2

8

5

6

15

2

2

July 11  
Bill with  
had 2/11 cows

East Reef  
June 11 3

4 - 3 - 6 - 1 = 14. July 1

4 small herds on leading ground  
about 500 buckets  
at the edge of the water was  
a partial albino bull seal  
about a 5 year old about the  
color of a sealion

East Cape  
34 - 11 - 9 = 54 herds

In the afternoon Mr. Hansen & I  
went out to collect Staryk Antis.  
collecting plants etc. Some  
of small company of 7 long-  
coated passes on the border and  
about 100.

July 15

A herd of buckets from Staryk Antis  
is a plant about 1/2 a mile from  
the village my mate in the early  
morning. They were at the request  
of the deputy Commissioner, who  
arrived here the afternoon  
before and with the same  
purpose and took a lot of  
film showing the method of  
feeding and shepherding. The herd  
was rather small and the seals  
suffered considerably though they  
were fed on a piece of marsh ground  
one died and another had to be killed.

The Eskimos arrived about 2 PM  
and left Camp in 1900. I left  
at 3 PM. They returned and  
we at once went a boat and  
that Captain DeLong left  
about 4 PM for St Paul and  
arrived about 7.

We saw a few few seals all the way  
over the land between the island

made arrangements for a trip to St Paul  
Island tomorrow.

July 16 To Walrus Island

Left at 10:00 on the Eskom about 9 AM. The day was calm and only slightly cloudy. We arrived at Walrus Is about 11 and went ashore about 1:00 after dinner. We found almost incredible numbers of seal mouse nesting nearly all over the island. Along the beaches but mostly on the higher part of the island were numbers of Tufted Puffin. The Glaucous-winged gulls were mainly on the upper grassy areas and not seen lower. A few jaegers, a few black-legged Kittiwakes were on the cliffs and a few Cormorants were in several places. The latter were hatched. The gulls were just hatching or had just hatched up to about two or three weeks old.

Many very old skulls of various sizes among the beaches. One of the men of the cutter picked up one of these skulls of a barked sheep head.

July 17

The day was cold with some rain. In the forenoon we counted harems on Kitoi with the following results.

Kitoi		
Rock 7-8	3	3 Idles
" 10	10	bulls
" 11	15	2 Quitters
" 13	9	+ 12 hatched
" 14	4	
" 15	5	(58-5)
Ampullaster	3	
	58	harems
on Lukaniu		
	39	harems
on quitter	(3 quitters)	(39-11)

In the afternoon we counted hatched Ardyuen & Reef.

Forbatch

20 Roc	23	-	2	
	19	-	1	
	17	-	4	2 Idle bulls
	16	-	1	6 quitters
	14	-	9	<del>10</del> 10
	15	-	10	
			12	about 500
	13		7	bachelors
	11		8	
	9		16	
	4		21	
			6	
			7	
			4	
			4	
			<u>112</u>	harem

(112-9)

Ardequum 15 harem

(15-0)

Reef

		66	
12		10	19 Idle
9		14	bulls
35		5	
12		4	
17		12	5 quitters
23		10	quitters
5		7	
<u>14</u>		<u>4</u>	
9		193	harem

(193-26)

July 18.

Drove over to Zapadne in morning with lunch. Sent the team back and counted on

Zapadne

		Harem	Idle Bulls	Quitters
Rock	8	2		2
"	16	12		
to Hauling post		6		
To Point		17		5 +
" along road		18		2 +
" 23		15		3
		13	7	
		23	5	
		6		
		2		
		<u>114</u>	<u>12</u>	<u>15</u>

(114-24)

Little Zapadne

		Harem	Idle	Quitters
Rock	8	1		
"	10	2		
"	12	16		
"	14	15	2	about 5
		7	1	
"	16	39	2	
		10		
		<u>90</u>	<u>5</u>	

(90-10)



Zapadne Reef

Harems      Idles

3

1

(3-1)

Inlet

Harems      Idles      Lutes

8

2

Row

9 - 13

11 - 23

12 - 24

14 - 16

16 - 13

16 - 8

16 - 7

16 - 12

16 - 5

18 - 17

19 - 12

20 - 6

161

10

(161-15)

6 forgotten

Lagoon

Harems      Idles      Lutes

5

1

1

3

(8-2)

July 19 Palovina

H.      Idles      Lutes

9 - 36

3

10

(58-3)

12

58

Palovina Cliffs

1

1

6

9

1

4

2

1

22

(22-6)

H Little Palovina

18

(18-0)

Concord Paul soon after breakfast  
and drove up to Palovina road  
which we could have done  
on the N.S. Point. After lunch  
we could see Mirrored

Mojovi

	4	Ida.	Bank
24-27	23	3	1
	19		
	1		
	<hr/> 43	3	<hr/> 1
			43-4

- 42 - 1
- 44 - 11
- 46 = 7
- 47 - 15
- 49 - 3
- 51 - 10
- 53 - 12

45	4	
	17	106
	4	
	55	
	<hr/> 26	End of mass
	7	1
	15	
	<hr/> 11	

	15	
	11	
- 62	7	
	4	
64-65	-3	
	7	
70-72	6	
- 74	10	
- 76	22	
- 78	9	1
91	2	1
	<hr/> 291	
		10

(291-20)

on the Section Building at the bank  
now about 150 sentons. The  
pups are now nearly as large  
as a ? sent

[ Sibuteh 91-10 ]

July 20. N.E. Point

We remained at N.E. Point  
hoping to take photos of the  
puffins and also terns  
but the day was rainy and  
after waiting until 2 o'clock  
in vain we and drove home  
observed a few Phalaropes but  
terns still about their  
breeding grounds on the  
tundra. A great many  
Glaucous winged gulls seen  
in the lakes.

July 21

This was a busy day in the  
early morning and a  
hazy. We took 6 samples of  
1 year olds and 4 banded  
2 year olds taking measurements  
and weights. In the afternoon  
I went out to the tundra  
where I took many  
pictures of the whole population  
but the light was not  
good.

Afternoon we went over to the  
Kendall point and took  
roll of numbers of them. We  
had some difficulty in getting  
them to move to suit us.  
There were nearly or about  
75 in all but we could  
not get an accurate count.

July 22

The day was sunny and foggy and  
we were unable to take photographs  
which we were to do.

July 23

Another sunny day. Dr Jones  
had a pup sealion which  
was found dead at 22° Point  
skinned for mounting and brought  
down. One of the other natives  
Jade skinned it under my  
direction and salted it. It  
is to be taken by Dr Jones to be  
mounted for the South Expedition.  
Dr Jones spent about  
the evening.

Thursday  
July 24

Dr Jones still here. Count Kitahara  
the Japanese representative arrived.

Wanted to take photographs on Katori  
but the fog drove us back.

Saturday July 25

The day was sunny. We went  
out on Gorbachev's Reef with the  
Japanese representative a diving  
suit came on and my all got soaked.  
Some hair was on Gorbachev rocks.

Sunday July 26

Rainy all day. Dr Jones went  
around the albatross and the  
left.

Monday July 27

Clear in very early morning  
but cloudy & somewhat foggy at  
breakfast time. Mr. Whitney took up  
all the traps which he has been  
making in a desultory way for some time  
made up one which was in former  
shape.

About 11 o'clock the Tahiti went  
under way for us as the Captain  
thought it advisable to take us to  
Oahu Island. We had dinner on  
board and on the way and  
on arriving started at once for the  
landing place. We landed in

a little cove in the surf. We  
practically searched around the shore  
took some pictures. There were  
many Petrels (both Kays), their  
birds, gulls, cormorants, some  
fulmars, Red puffers many  
harporhynchids and a few  
least auklets. A few myiarchos  
and longspurs were on the  
upper part of the island. I saw  
an old walrus skull near the  
lower part about a dozen hair  
seals were on the rocks near  
the landing place.

On an isolated rock near the high  
part of the island I estimated  
10,000 birds on this rock.

July 28

Went to Mt Point on Paloma  
hauling ground, we estimated  
about 500 bachelors including  
50 half bulls

Mount Point bachelors on

Mojovi	150	-	26 halfbull
	150	-	15 " "
	50	-	5 " "
and	75		6 "
			4
Vostroschni	50		9
	50		3
	115		6
	20		
	40		6
	500		10
	175		20
	125		10
unpaired	200		10
	500		40
	75		3
	500		6
	300		3
	175		6
	75		4
	125		10

Pit Paloma 3450 - 202  
 45  
 45  
 The sealions were in three principal  
 bunches a few on Mojovi  
 and two large bunches just  
 beyond the hauling ground

Hatchman Hill The pups  
 are now about the size  
 of three year old male  
 seals, and can swim and  
 run readily.

1 Tongues are still singing -  
 nearly as freely as a month ago

Parker and Kitava counted

Zapadne	Bachelors	Halfbulls
	1290	30
Liluzapadne	251	30
Zapadne Reef	13	1
Tolstoi	534	38
Lagoon	0	0

Whitney & Harmon

Kitavi	220	26
Lukanin	175	11
Garbatch	500	39
Reef	1500	69
500 50	4473	244
	3750	202
	598	56

Total on Island 8513 500

Wednesday July 29

Good and some down to  
Palovina and then met  
Parker, Harmon and Katakara  
and counted pups on  
Palovina

✓ Little Palovina	38
	34
	70
	69
	47
	49
	19
	130
	120
	30
	125
	172
	<hr/>
	903
	7
	<hr/>
Low	910
Dead	17
	<hr/>
	927

✓ Palovina	36	22
	54	82
	59	40
	64	48
	50	38
	132	14
	24	75
	96	59
	126	42
	57	327
	26	<hr/>
	30	3484
	30	71
	121	<hr/>
	74	3555
	67	
	11	
	45	
	64	
	61	
	124	
	129	
	135	
	36	
	135	
	226	
	260	
	33	
	320	
	112	

✓ Palovina Cliffs 13  
 97  
 49  
 39  
 38  
 23  
 9  
 13  
 95  
 26  
 33  
 26  
 12  
 89  
 39  
 78  
 138  
 198  
 15  
 21  
 18  
 236  
 126  
 1431  
 dead 18  
 1449

Total all Palovina 5931

July 30 (Thursday)  
 Went out to Sealion Rock in the  
 forenoon - and counted the pups  
 Estimated about 200 bachelors

<u>Pup Counts</u>	<u>Scratches</u>	
32	45	6
18	125	94
24	75	45
12	16	95
102	54	33
18	16	85
45	21	37
12	15	12
17	39	52
8	87	12
39	87	23
46	12	86
41	116	12
142	167	30
68	46	11
60	31	22
16	108	15
110	69	71
18	95	3307 live
54	27	47 dead
43	44	
55	26	
178	23	
19	16	
9	27	
80		



Parker also on Gorbalsch

46	65	15	
46	5	84	
17	45	3	
4	51	3	
8	16	18	
25	5	45	
8	4	45	
105	53	28	
34	73	4	
44	18	32	
21	42	16	
154	34	49	
18	69	21	
47	113	20	
72	7		
59	27	2760	
84	5	3307	
27	7	6067	Total Gorbalsch
35	16		(live)
103	9		
51	49	47	Dead
31	58	38	"
44	31	85	
24	29		
29	7	6067	
65	54	6152	Total
54	21		
1	81		
4	38		
31	22		
	1		
	31		

✓ Seal Lion Rock      Osgood  
Pup counts

48	38	
48	35	
60	62	
23	21	
26	37	
16	20	
32	16	
23	42	
14	93	
21	29	
68	29	
36	98	
18	62	
23	50	
10	14	
24	483	
121	26	
8		
3	2172	
46	39	Dead
12		
25	2211	
36		
24		
34		
82		
21		
67		
27		
21		

Parker also on Goshawk

New Lion Hood

Parker

Pup counts

10	19	
58	42	
19	37	
5	98	
31	30	
13	154	
4	76	
23	126	
50	72	
43	104	
24	56	
31	16	
5		
9	1812	Live
51	29	Dead
36		
25	1841	
10	2211	
19		
24	4052	Total for
95		
20		
217		
16		
45		
56		
18		
18		
7		

7	6	2 year
24	4	"
30	5	"
30	6	"

July 31.

Counted Pups on Ketovi and Lukarini.

osgood Macconn and Peabce

✓ Lukarini

17	12	33	6
	3	35	83
20	51	11	44
11	12	28	67
15	13	33	9
6	27	45	10
27	21	13	8
50	38	37	20
30	11	59	
17	15	24	1761 Live
21	16	165	73 dead
21	26	16	
42	21	20	1834 Total
39	150		
26	21	170	
48			

✓ Ketovi strand

Live pups 2072  
 dead " 47

2119

Living  
 33, 53, 44, 28, 109, 58, 61, 16, 40, 42, 62, 23, 5, 3-2,  
 77, 14, 52, 3, 5, 72, 22, 91, 5, 8, 5, 15, 5,  
 13, 30, 31, 42, 117, 29, 13, 1, 11, 24, 10, 40  
 108, 10, 85, 36, 33, 1, 45, 44, 10, 22,  
 25, 19, 18, 19, 28, 33, 9, 44, 51, 18, 14, 4.

In the afternoon we counted  
 1/2 reef on Reef and Aridogama

Reef	Ogawa	Macom	Picket	
17	127	71	106	274
20	40	22	132	15
314	214	58	32	18
25	13	76	62	90
24	15	46	59	100
12	23	35	9	39
35	65	37	57	122
29	5	39	60	75
156	46	42	25	42
9	110	22	118	5
20	72	83	146	15
34	17	80	9	154
32	12	154	67	58
74	7	116	59	218
572	3	6	14	268
107	39	188	50	15
58	23	214	29	86
72	13	7	60	153
117	39	122	19	14
66	27	156	66	9049
61	30	76	40	151 dead
14	75	248	74	
159	14	147	88	9200
23	84	36	34	
18	40	15	49	
13	29	5	24	
14	88	36	57	
20	2	112	43	
41	24	119	85	

Remainder of Reef  
 Kitahara, Parker & Harmon

Live pups	4304
Dead	55
	<hr/>
	4359
	<hr/>
	9260
	<hr/>
	13559

(Parker count =  
 228, 22, 8, 120, 10, 145, 12, 109,  
 241, 75, 3, 68, 72, 10, 88, 77, 37, 60,  
 61, 49, 36, 29, 55, 64, 77, 1, 40,  
 16, 49, 34, 2, 70, 27, 14, 78, 37,  
 4, 71, 63, 77, 79, 84, 75, 65, 26, 39,  
 18, 20, 18, 21, 46, 13, 19, 74, 43, 42, 33,  
 178, 24, 29, 7, 61, 26, 50, 68, 72, 41,  
 35, 68, 43, 83, 38, 34, 16, 25, 26, 4, 27,  
 48, 3, 2, 37, 50, 79, 24, 47 = 4304  
 Live)

Indiguen     Kitchard Parker & Harmon

645     Live Pups  
11     dead "

---

656

(Parker count 68, 26, 5, 34,  
39, 10, 13, 11, 15, 72, 43, 47, 26,  
9, 23, 34, 15, 47, 17, 25, 30, 29,  
7 = 645 live

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August 10     Lagoon  
Ogona     Whitree     Moerun     Preble

62

60

44

52

155

373

2 dead

---

375

	Folslar	Cliffs	
43	4	42	65
83	65	17	4
14	12	57	56
24	13	13	63
32	10	266	169
36	43	21	14
52	95	4	2
36	25	13	7
37	130	29	4
34	15	43	34
33	94	130	24
45	96	7	15
13	20	3	113
3	15	2	24
6	10	15	15
81	134	29	27
29	19	12	169
81	58	15	<hr/> 3262
91	18	8	
46	5	31	

July 20

7	48	102
6	165	61
17	15	339
24	21	31
13	38	56
26	172	86
16	264	150
6	89	34
18	314	<u>9760</u> (unclear 3262)
25	18	174
99	16	<u>9934</u>
29	139	
4	150	
18	346	
80	146	
56	51	
30	251	
28	3	
141	136	
38	48	
76	46	
11	34	
97	199	
181	156	
18	146	
16	434	
15	128	
67	91	
98	21	
132	274	
200	44	
30	20	

August 1

Zapadnie. (Pader Kitatari Hamon)

Live pupae	2499
dead "	170
	<u>2669</u>

Bygone Reef

Living	205
dead	3
	<u>208</u>

Little Zapadnie

Living	4840
dead	79
	<u>4919</u>

After counting Folatari we  
 came back to Tylage and opened  
 Moscow Trench, drove to about  
 1/2 way back for an early start  
 on the coast of Mergovii and  
 Vrolochin

Parkers count on Zapadne August 1

36	256	36	42	115
32	22	15	128	135
8	10	51	67	63
74	102	48	49	20
108	13	44	38	8
72	23	56	50	21
89	169	88	27	18
2	14	50	42	120
90	32	14	67	101
54	92	118	69	12
6	43	40	78	10
14	107	31	16	39
19	30	104	37	17
62	152	86	101	7499
102	8	70	81	126(D)
1	168	59	47	—
5	52	150	140	—
14	99	206	5	7620
8	15	51	10	—
9	226	63	98	—
16	5	12	45	—
82	16	101	13	—
130	68	73	26	—
15	20	13	34	—
61	56	35	7	—
21	73	180	63	—
51	26	18	54	—
28	82	3	36	—
19	69	138		—

Dead count 2

August 1

Zapadne Reef

Little Zapadne

Parker	47	13	12	72	67
	26	141	43	17	28
	5	9	11	61	3
	27	16	163	207	53
	11	62	13	6	11
	92	117	17	5	92
	19	72	18	91	97
	32	49	69	15	51
	9	21	8	29	13
	48	84	82	6	24
	47	126	45	66	10
	92	14	14	19	33
	149	126	113	33	88
	10	14	97	78	139
	30	32	70	14	18
	19	2	25	134	92
		241	32	47	178
		48	54	1	74
		87			84
					37
					10

Dead 79

4840

August 2

✓ Mispick

25	177
187	4
26	53
22	17
24	10
25	12
23	25
16	21
18	28
8	15
27	37
118	6
70	67
10	0
21	173
3	17
11	
40	224
17	22
27	
10	53
20	
75	
27	

Vistula

✓ Pomeranian & German

9	912	74	10	2
7	105	51	18	4
23	10	40	151	12
20	30	37	16	16
35	106	4	301	4
17	246	14	27	31
4	58	1	18	98
6	10	24	18	278
32	171	20	40	81
21	27	60	127	61
27	12	10	28	21
6	37	28	8	70
15	25	52	35	106
16	16	58	112	1
35	22	22	64	2
21	35	10	20	67
10	16	0	118	73
3	40	1	58	27
28	27	100	27	51
11	5	100	100	27
10	8	5	15	33
29	11	7	116	81
8	12	14	75	87
121	25	103	64	37
10	47	38	0	108
22	161	7	30	51
10	90	70	7	26
17	12	109	80	108

16  
 28  
 22  
 128  


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 6828

Exportable Mason

124	10	59
16	27	0
24	110	30
47	22	57
7	24	17
9	15	12
214	9	21
52	24	16
5	9	23
25	43	430
3	11	166
31	52	55
32	47	
5	18	
110	11	
76	10	
6	18	
24	16	
42	22	
46	303	
91	17	

Vortek

157	50	30	
24	56	23	19210
150	170	428	42
59	38	43	
37	57	117	1969
47	213	64	300
37	54	175	
70	14	327	
62	65	60	
21	138	103	
22	114	176	
21	134		
46	431	18106	
153	117		
37	360		
26	651	46	200 261
20	61	22	
20	45	27	
38	96	30	
24	230	22	
58	140	220	
21	118	28	
387	37	23	
57	26	16	
50	64	14	
161	84	21	
125	93	28	
66	50	23	
10	176	13	
13	296	109	
21	35	106	
22	136	2	
		<hr/>	
		19210	



Aug 2 1882

Aug 4 Zapadne

In the forenoon we went  
 over to Zapadne by the trail  
 and counted the sheep there.  
 Mr. Harmon told us that  
 he had found a small  
 hauling ground about a  
 mile back of Zapadne.  
 The natives say that last year  
 there were three barrels here  
 it used to be a regular  
 hauling ground and many  
 seals were killed there.  
 We found 2 bulls but  
 apparently no cows. Saw one pup

We started to go over the hills  
 along shore to Garden Cove  
 but as beyond was such  
 we gave up the idea and  
 cut across to strike the trail  
 nearer the village. We finally  
 struck it about a mile out.  
 The day was unusually fine  
 and bright afternoon  
 beyond Harmon must make  
 the trip to Zapadne, which  
 Parker, Kitahara and Harmon  
 counted Starya and North

Aug 4 Pishes Klatana & Herson

Zapadni

31	431
7	4
39	
16	30
41	<hr/>
161	1014
25	1 long shot
24	<hr/>
5	1015
	8 dead

Staryj Antel 

---

 1023

North

8, 65, 18, 9, 13, 8, 9, 6, 14, 19, 21, 78.  
 3, 7, 1, 7, 6, 10, 9, 18, 17, 25, 8, 10, 8, 14,  
 43, 23, 16, 54, 23, 33, 62, 15, 34, 45, 24, 14  
 2, 8, 29, 32, 31, 11, 4, 19, 56, 5, 49, 9, 43  
 15, 20, 2, 92, 131, 12, 52, 4, 58, 2, 87, 66  
 18, 57, 164, 20, 143, 62, 68, 118, 279, 44,  
 189, 31, 1, 5, 4, 2, 184, 103, 1, 186, 18, 78, 1658  
 67, 73, 42, 55, 7, 30, 15, 39, 20, 12, 28, 28  
 10, 61, 159, 75, 18, 13, 31, 254, 197, 26  
 9, 154, = 5189 dead 112.

August 5.

East Klatana Range and  
 East Cliff 4-foot Cliffs the  
 according being the by  
 Pishes  
 The count follows

Little East	Living	25
	dead	1
		<hr/>
		26

East Reef	Living	576
	dead	5
		<hr/>
		581

East Cliffs	Living	2627
	dead	31
		<hr/>
		2658

Detailed Counts  
 Little East 25 Living  
 1 Dead  
26

East Reef  
 8, 1, 7, 4, 38, 8, 220, 32, 6, 6  
 69, 2, 10, 22, 110, 1, 17, 11, 1, 3  
 = 576 Living  
 5 Dead  
581

East Reef 8, 7, 7, 4, 38, 8, 220,  
 32, 6, 6, 69, 2, 10, 22, 110, 1, 17,  
 11, 1, 3, = 576 Living  
 5 Dead  
581

C  
 East Reef  
 7, 6, 71, 20, 31, 15, 4, 39, 2, 68, 11,  
 12, 8, 5, 41, 83, 104, 118, 182, 146, 67,  
 11, 28, 38, 6, 18, 98, 28, 98, 16, 78, 120,  
 33, 9, 12, 274, 51, 33, 13, 108, 32, 11, 2  
 9, 49, 73, 13, 41, 31, 9, 11, 41, 23, 34  
 24, 47, 11, 19, 27, 2, 5, 1  
 = 2627 Living  
 31 Dead  
2658

August 6

Mr. Farwell had a first division  
 killed a pair including  
 15 year old female, 12 over the  
 shells of Nos 6001 - 6065 which  
 were paired as commercial skins  
 we also saved an complete  
 specimen No. 6090-92 we  
 will flesh measurement.

No of seals drawn

No of seals killed

Remarks

Mr. Farwell & Harrison left on  
 the Ingonia for Umanaska & Little  
 The Whitman also left.

Friday.

August 7. The day was fine  
We caged all the skulls and put  
them in the water for cleaning  
In the afternoon we went out  
and the men and took a couple  
of seals on Grubatch. of pups  
and seals in the water

August 8.

Dr. Farwell drove from  
Foulmouth & Reef and killed  
mainly for St George

447 killed  
1125 rejected

1572

A female died from exhaustion  
and we saved the skin  
as a specimen

Sunday

August 9.

In the afternoon we went out  
with the before table and  
collected some Embryology  
pups

Observed a marriage in  
the Russian Church. It was  
followed by a dance in the  
evening

August 10

Dr. Farwell had a good haul  
from Solstoi 1498

We measured all killed pups  
for length base of tail to nose  
and - some skulls of 10

Seals	Killed	96
"	rejected	302
		<hr/>
		498

Tuesday Aug 11

About the middle of the forenoon  
the Macallards (Lutes alger) came  
in having come across from  
Povungt Bay. James Brown and the  
rest of the party went on to the boat  
but thought we might have to go  
down with her but being unable  
to do so. Reynolds got a reply that  
we could be taken to Umanak  
to meet the next boat not later  
than the 20th. In the meantime we  
had gotten well along with our  
packing in the event of having to  
leave tomorrow.

Wednesday Aug 12

As the Macallard is to go  
this morning we wrote letters  
and sent them off. The day  
was rainy and we heard  
nothing of the rollers and birds  
which went out on Kolora a  
short time.

Thursday Aug 13.

Worked on notes in the forenoon.  
In the afternoon we went out  
and shot a lot of Sandpipers  
They come to the Povung Bay in  
great numbers feeding on the tidal  
flats.

Friday Aug 14. 1917

Put in most of the day on  
Skulls

Saturday Aug 15. Zapadne + Bogosloff

Macom, Dr Hunt, Bogosloff + Hanna  
and I went to Zapadne in the P.M.  
in the launch. Hanna & I went  
across to Bogosloff Volcano  
to find the cave and went  
into it at about 200 feet, but  
could not explore it any  
further for lack of light.  
It was about 20 feet wide  
and about 10 feet high  
in the middle. We collected  
some birds. Snipe, plovers

Sunday Aug 16

We spent a large part of the day  
working on the seal skulls  
getting out the brains and putting  
them up to dry

Monday Aug 17. To NE Point  
Ball. Hanna, Bogosloff and I went  
up to NE Point. To look for  
Goulded 2 yrs olds. We climbed  
about 3000 ft from the sea.  
Saw a flock of 9 Pintails  
& Hanna shot one. We also  
saw about 5 Peatonie Sandpiper  
taking one.

Tuesday Aug 18

We had a drive on Reef  
and took mammals of a  
large drive of bachelor  
about 1100. A few were  
killed for food and a  
few (skulls) for science.

Wednesday Aug 19

Exp. Hama Mrs H & I  
went out on Reef and took  
moving pictures and other

Thursday Aug 20

Spent most of the day  
developing negatives.

Friday Aug 21

In the afternoon I helped  
Mr Hama dismantle the  
guns in the Gun House  
We intended to go out on  
Kitoi but found it too  
late.

Jul Saturday Aug 22  
Hanna & I went out to  
2 spots near + Antlers Lake in the  
Afternoon. Saw three Violet  
+ Brown Swallows. Shot 2 at the  
head of the Lagoon. At Antlers  
Lake we saw 3 or 4 Frigate  
+ Herring gull one of fluffy  
Saw another. Shot also one  
Pectoral Sandpiper.

60 Sunday Aug 23  
In the afternoon we went out  
on Keloni + Subarag. Coming  
home by way of the Lagoon  
Mrs Hanna went with her two  
picked up some blood diatoms  
+ dead shells. Saw some  
Pectoral Sandpiper. The  
Native had shot many  
Killer whales of both species.

Monday, Aug 24  
The day was fair. Spent  
the forenoon packing and  
making up nets. In the  
afternoon we went out on  
Keel and Gubatch taking  
photos of seals. Saw a  
great many hauled out  
Some of the bulls are beginning  
to get fat again. Saw a  
boarded 2 yr old apparently  
a cow on Adiquee.  
We saw a number of  
Pectoral Sandpipers in small  
flocks 25 or 30 in all.  
The Thick-billed Murres  
have gone on the cliffs  
toward Sea Lion Rock. Not  
as large as usual.  
Several false crows seen  
one was in full summer  
plumage (normal)



Wednesday Aug 26

In the morning packed up shells  
in the afternoon. Name I packed  
out to Yopok. Shot an old  
aldaguk in Antone lake. Saw one  
a very small young one. Shot also  
a half grown abx teal  
we saw a good many long-  
spurs

Most of the men set out for the  
day. Most of the baskets  
caught a few mostly lelebut

We saw many peaking seals  
among the peninsulas near the  
south end of Lake Yopok. Many  
about a dozen in all other in fragments  
Wednesday Aug 26

Thursday Aug 27

Finished packing in the  
forenoon and furnished  
Don Harvitt with a list  
of the case to be shipped  
sent general statement  
of the contents of each

In the evening after supper  
Don Harvitt & I went out  
and secured a number of  
sandpaper & Trinitite  
Friday Aug 28

The day began fine. The  
fog was by an anchor off  
west harbor until the middle  
of the afternoon when she  
went away. Saw Point  
Harvitt & I went up to  
the head of the bay and saw  
a few aldaguk & a  
few long spurs which seem  
to be lelebut

Saturday, Aug 29.

Day rainy. Stayed indoors in the morning. In the afternoon, went out on Reef with Mr. Hanna. We found a large number of Pectoral Sandpipers thin & shot a number. I skinned one of the smallest.

Dogood went up toward Raftery Point. He shot some Pectoral Sandpipers, also a Sharp-tail and a Least Sandpiper. The latter near to the Islands, as far as we can ascertain I made them up.

Late in the evening we received a message that the vessel had taken to Sevier, probably in the morning.

Sunday, Aug 30.

The Manning arrived from St. George in the forenoon. We closed up all accounts and business and went aboard of her about 5 PM. All the people went down to the East Landing, and although we are glad to be started tomorrow we were sorry to leave the new friends with whom we have had such cordial relations.

The Manning brought our mail & we left in the evening.

Monday August 31.

The day was very windy  
and we were all more  
or less sick. Saw  
four common sea birds

Tuesday Sept. 1.

arrived at Unalaska about  
5 or 9 o'clock. After dinner  
Dr. Macomber & I went out  
on the hills searching  
for plants and other  
specimens. I took 3  
plants.

In the evening we were  
invited to supper at  
Captain Reynolds and  
his wife Mrs Reynolds  
Mrs Ross, also Captain  
Miller of the C. & G. S. S.  
Survey ship Pillsbury

Wednesday September 2

We left Unalaska about 9 o'clock  
and went over to Akutan Bay  
to the village where we left a  
boat. We did not stop at  
the whale fishery just beyond and went from  
Akutan out by the small Akum  
Island then through Unimak Pass  
thence past Skutan. Thence  
between Deer Island & Horn Point

Thursday, September 3

We passed Shichaldon Volcano between 6 & 7 o'clock. Then we went past Atatan and then between Deer Island and Thin Point then between Dalgoe and the mainland. We passed Parlof Volcano about noon and crossing Parlof Bay had it in sight nearly all the afternoon. There were few birds on the water.

The day was mostly clear and we had a fine view of Parlof. A considerable quantity of steam was coming from it. There were several fulmars but a quantity of clouds hung over it.

[Captain tells us that there are thousands of sea lions on Lighthouse Rocks and many on Palovnoi Rocks in Lemnah Pass. There are also many on Golden Island also some on Sealion Rocks near Anak Is.]

Captain George tells us that there are thousands of sea lions on Lighthouse Rocks and many on Palovnoi Rocks in Lemnah Pass. There are also many on Golden Island also some on Sealion Rocks near Anak Is.

Friday, Sept. 4.

We passed the Semidi Islands on some of which we have found albatrosses from St George early in the afternoon. Some distance away.

Passed Chivik Island at 3 P.M. It is stocked with blue foxes also from St George. A man stays here during the entire year and in the winter several stay to trap the animals.

Saw many glaucous-winged gulls, a few albatrosses and puffins.

Fulmars were common mostly the grayish ones, but a few sooty and a few nearly pure white like those of St George.

Saturday Sept 5

Travelled along Kodlak all day, but the fumes blowing off the land obscured everything like a fog so we could not see anything until we reached Kodlak, where we stopped for an hour about 5.30. We left about 6.30 and made it to the Ma post at Afagnak.

On Marmot Island Mr. Redpath saw his company put out some silver foxes, but after they had increased to four years the Indians got in to it and trapped them off.

Sunday Sept 6

Last night very rough and practically no sleep for anybody. We sailed from Barrow Bay about the middle of the day and arrived at Serrood about 6 P.M. We remained at the Serrood Hotel. The morning is to go on to the shipping point at Sitka.

Monday Sept 7

Took a walk north of the town in the forenoon. In the afternoon out on the ice. The Alaskan came in in the evening and left for the Cook Inlet.

Tuesday Sept 8

Rainy most all day, not much doing. Arranged for our tickets and for shipping our specimens.

Wednesday Sept 9

Rained most of day. Alaskan arrived about 3.15. + left 5.00

Thursday Sept 10

Got stopped at Ketchikan about 11:00  
and left after an hour or so  
Went into Coos Bay about 11:00  
Reached Astoria about 11:00  
Stopped here until 7 PM  
Walked on on and some of the  
passengers took a trip to Coffin  
River on the train

Was out of bed for some time  
and had some sleep  
The day was clear and very  
warm in the afternoon

The Portland bus at anchor  
in harbor

Well at 7 PM  
Friday Sept. 11 To Coos Bay

As soon as we left we had all day  
at anchor and all blew a little  
and was cold but the ship  
did not roll much

Saturday Sept 12 Arrived at Skagway  
at 2 AM Sept 13

all the wind at once  
middle of day. Some of  
only about half an hour

Sunday Sept 13 Got to Ketchikan about  
11:00 and left about 7  
The ship was on about  
6

Tuesday Sept 15  
Reached Belle Falls just after  
dusk and entered Skagway  
about 9 or 10

Wed. Sept 16  
Arrived at Seattle about 12:00  
Am. Sept 17 Registered at  
Seattle Hotel

Sept 17. Left Seattle at 10:15 am  
Spokane in evening

Sept 18 Reached Selkirk Valley  
in early forenoon



	12	13	14	15	16	17	18	19	20	21
Forlained Petrel	c	c	c	few	few	few				
Leach Petrel?	1	2	ifew	2	few	few				
Shearwater	2	3	2	2	2	10	c	c		
Tufted Puffin	c	c	few			2	c	c	c	c
Fulmar?		c	few		few	ab	c	1000		
Arctic Tern?			1							
Murre									ab	ab
Kittiwake?						1	100	100	c	c
Red Eagle								6		
Raven								6	ab	
Bald Eagle								1		
Sanderling								10		
Jaeger								1		
Cap. Murre								10		
Pterodroma										
Snowflake								4		
Gl. w. gull									ab	ab
Jaeger								1	ab	ab
Antarctic										ab

off Vancouver Is.

off Vancouver Is.

5 of Sittler 8 am  
52 29 x 142-40-5  
Nov 1

53-43-6 x 155-19-2  
off W. end of Cook Is  
22

5336 x 161.01

Abolition Harbor

To Unalakleet

To St. Paul Island



	22	23	24	25	26	27	28	29	30
June									
S. Auklet	ab	ab	ab	ab	c	ab		ab	at
Leucosticte	c	c	c	c	c	c			c
Paroquet Auklet	c	c	c	c	c		c	c	c
Winged Gull	ab	ab	c	c	c	ab	ab	at	ab
Red-tailed Duck	2	c	c	c	c	5 <sup>N?</sup>	c		
Crested Auk		10						10	
Kittiwake			c	c	c	c	c	10 <sup>N</sup>	c
Long-tailed Petrel			c	c		c	c	1	
Horned Puffin			c	fur	fur			fur	fur
Marlin			ab	ab	c		c	c	c
Commodore			c		c			c	c
Fufted Puffin					c			c	c
Red-billed Sandpiper					1	c	c		
Shoveler						1			
W. Phalarope						2			
Murre								2	
Richardson's Owl							1		
Black Hawk					1				

at 1000 ft

(Zoochore)

For North West Pt

NE Pt

SE Section Ridge

July 1 - 10

July 1 - 10

	1	2	3	4	5	6	7	8	9	10
July 1										
P. Ardeotis	ab	ab	ab	ab	ab	ab	ab	ab	ab	ab
Parus caeruleus	c	c	c	c	c	c	for	c		
Parus major	c	c	c	c	c	c				c
Alcedo atropurpurea	ab	ab	ab	ab	ab	ab	d	ab	ab	ab
Long tail tit			for	c	for					
Crested tit				for				for		c
Redstart	c	c	c	c				c	c	
Red long tail	c			3		1				
Blue tit	c	c	c	c				c		
Chiffchaff	c	ab	c			c				
Parus major								1	1	c
Trapped tit	c	c	c	c		1		c	2	c
Redstart										
Murre	c	c	c	c		c			ab	ab
Chiffchaff								for		

	St George				St George	To Walrus Is.	St Paul			St Paul	St Paul	NE Pt
July	11	12	13	14	15	16	17	18	19	20		
Blackbird	ab	ab	ab	ab	ab	few	ab	ab	ab	ab		
Mourning Dove	ab	ab	ab	ab	ab		c	c	c	c		
Parula	c	ab	c	c	c	few	c	c	c	c		
Crested Auk	c	ab	ab	ab	ab		few					
Kittiwake Black	ab	c	c	c	c	c	c	c	c	c		
" Red leg		ab	ab	c	c							
Long-tongued	c	few	c	c	c		few	c	c	c		
Tufted Puffin	c	c	few	few	few	ab	c	c	few	few		
Horned Puffin	c	c	few	c	c		few	c				
Common	few	few	few	few	few	c	few	few	few	few		
Pinkish Puffin	5	8	c	c	ab		c	c	c	c		
Cal. Murre	ab	ab	ab	ab	ab		c	c	few			
Pallas Murre	ab	ab	c	c	c	ab						
Rodgers Petrel	c	c	few	few	few	few						
Shearwater	8	c	c	c	c							
Shearwater		1	ab	c								
Long-tailed Jaeger		1	7	2								
Long-tailed Petrel		c	c	c	c		c	c	c			
Red Phalarope				1		ab						
Gl. Winged Gull		1	1	2		ab	c	c	c			
Black-billed Gull						few						
Fur Seal								c	c			
King Eider									10			
Ocean							c	c	c			



	For W. B. Parrott -	For W. B. Parrott -	For St. George	St. George	St. George	St. George	"	"	"	"
August 1	1	2	3	4	5	6	7	8	9	10
Blackbird	for	gnr		dn						
Swallowtail	c	e		c						
Pomarine Skuas				c						
Gull			for							
Kittiwake				c						
Redpoll				c						
Labrador Gull		c		c						
Shearwater		c					c			
Jaeger				c			c			
Puffin	for			c						
Puffin	for			c						
Pallas's				c						
Jaeger				ym						
Swallowtail				c						
Shearwater				c						
Redpoll				c	c					
Gull				1	2					
Jaeger			c	c			c		dn	
Bird									c	
Shearwater					1				1	
Shearwater			c	c	c					
Jaeger				1						
Gull							1			pl

	11	12	13	14	15	16	17	18	19	20
August										
Green-winged Teal	for	for					for			
Lesser Scaup	c						ab			
Ring-necked Pheasant	c						for			
Crested Gull										
White Leg Kittiwake	c						ab			
Red Leg Kittiwake										
Parus Longipennis							ab			
Lesser Pheasant	for									
Common Pheasant							for			
Parus	for									
Parula of Canada	c	ab	ab	ab	ab	ab	ab			
Red-bellied Junco	c									
White-throated Sparrow										
Chipping Sparrow										
Junco						c	c			
Yellow Warbler							ab			
Red Phalarope	c	c			c		c			
Black-bellied Plover	c	c	c	c	c	c	c			
Turnstone	ab	ab	ab	ab	ab	ab	ab			
Song Sparrow		for					for			
Bank Swallow						1	1			
Golden Plover						3	4			
Chukar	2									
King Eider							1			
Pintail							9			
Pectoral Sandpiper							4			
Mallard							1			

	21	22	23	24	25	26	27	28	29	30	31
Aug											
Lancastrolle			0	a	e		c	c	a	=	
Paroquet and											
Blk leg Kittiwake			c	c			c	c	c	c	
Red leg			c								
Lab Puffin			fm				fm	fm			
Furred Puffin			c	e				c	c		
Horned Puffin			c	c			c	c	c	c	
Common							fm	fm	fm	fm	
Pinkish Jaeger	c	a	e	fm	fm	c	c	c	c	c	
Thick billed Murre			c	c			c	c	c		
Call Murre											
Snareplate											
Heulman		fl	fl	fl	fl			fl	fl		
Red Skuascope				2							
Isl King Gull				c	c			fm	c		
Transton	"	dt	dt	dt	dt	dt	dt	dt	dt	dt	dt
Old sparrow										c	
Wandering Jaeger			2		1			4	c		
Golden Plover				2							
King Eider				1							
<del>Puffin</del>											
Pectoral Sandpiper			7	(30)	c	c		c	ab		
Jaal		4				1					
Violet Green Swallow		3									
Least Sandpiper										1	

St Paul  
" (Autumn L.)

St Paul  
" (Autumn L.)

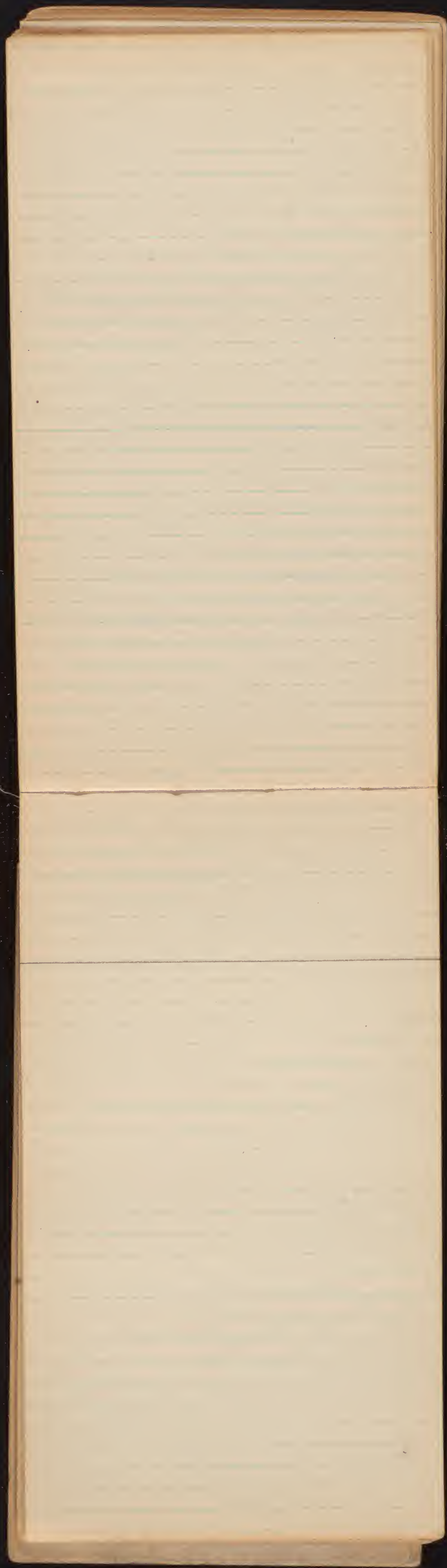
St Paul

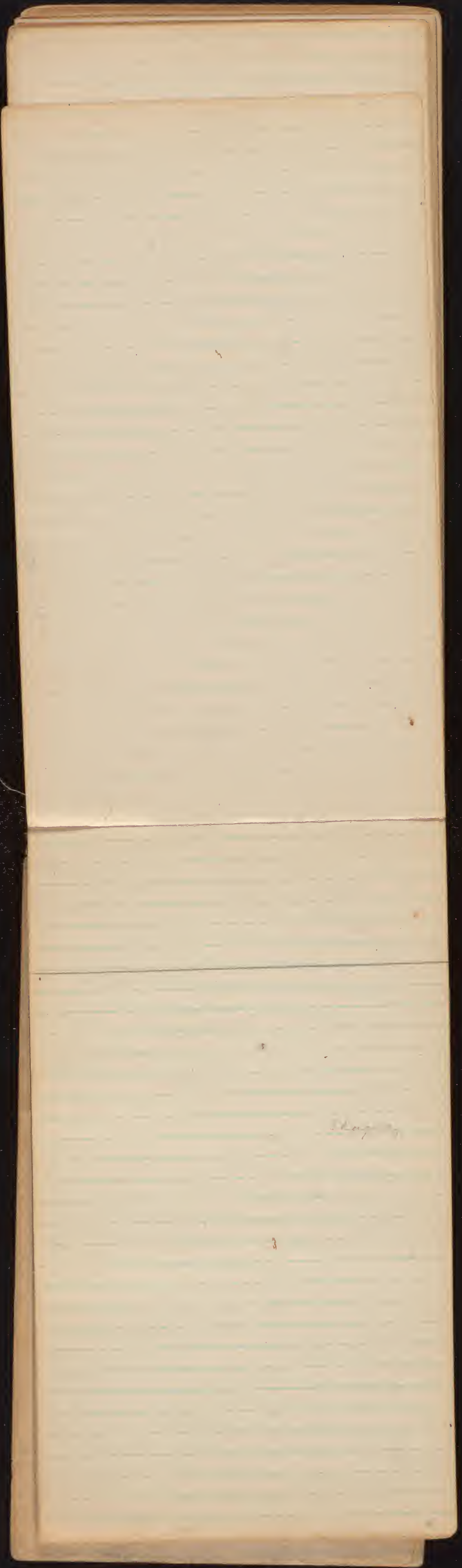
Unalaska  
 Unimak Pass  
 To Unalaska  
 To Sitka  
 To Kodiak  
 To Sitka  
 To Unimak  
 To Unimak  
 To Unimak  
 To Cross Sound

Sept 1	1	2	3	4	5	6	7	8	9	10	11	12	13	14
Winged Gull	c		c	c	c	c	c	c	c	c				
Raven	c													
Song Sparrow	c													
Pipit	c													
Sandwich Sp	c													
Phalarope	3 ab													
Fulmar (dark)				c		c								
Albatross				fm		1								
Dubled Puffin				fm		c								
Fulmar (light)				fm										
Comorant							fl							
Great Auk								1						
Petrel								1						
W. Eagle									1	1				
Great Jay										1				
Shearwater											c			
Albatross												6		



London





St. Paul Is. Height of Season Count

	1909	1910	1911	1912	1913	1914
Sorbatch	120	112	110	109	106	112
Ardayum	11	11	11	11	11	14
Reef	184	206	215	179	171	193
Sivatch	61	61	45	57	67	
Kitovi	55	62	61	53	44	58
Lukavini	39	41	31	38	33	39
Palovma	42	50	42	44	44	58
Palovma Cliffs	23	20	23	21	19	22
Little Palovma	19	12	10	11	21	18
Mingovi	45	47	257	37	40	43
Koslovchni	184	204		237	293	291
Zapodnie	147	118	113	105	106	114
Little Zapodnie	62	54	60	61	58	90
Zapodnie Reef	11	7	4	3	3	3
Folstoi	87	77	71	73	84	102
Folstoi Cliffs	25	29	27	30	36	69
Lagoon	12	9	10	8	6	8

St George Is

	1909	1910	1911	1912	1913	1914
Little East	4	4	3	2	2	1
East Reef	65	59	21	23	17	14
East Cliffs			54	52	58	58
Zapodnie	43	47	47	32	21	15
Sturyalrtel	42	48	36	52	59	46
North	106	103	125	117	104	85



St George  
Rufous Gull  
♂ Dec 19, 1913  
♀ Dec 30-13

---

Arctic Tern ♂ May 16, 1914

---

Song sp. ♀ Dec 21, 1913  
♂ Oct 28, 1913

---

L.T. Jaeger. May 22, 1914

---

Swan - Mottled neck & bill  
Oct 10, 1913

---

Emperor penguin - May 19, 1914

---

Tern ♀ May 19, 1914

---

Buffle head ♂ May 19, 14

---

St George  
Gyrfalcon ♀ Nov 29/13

Duck Hawk ♀ Nov 12/14

Horned Goshawk Culmen (stippled)  $\frac{3}{4}$  -  $\frac{1}{8}$   
♀ Oct 13/ Wing 140  
♀ " " 139

Red tail Oct 18/13

Shearwater ♂ Feb 28/14

Buffbreast ♂ Native skin No date

3 Mallards Sept 7, 1913

Am Pipit ♂ Sept 1, 1913  
♀ " 1 "

Heterochelidon Aug 24, 1913 ♂

Russet yellowlegs Oct 18, 1913

Sooty Sandp. May 19, 1914

Gadwall bell Sandp. ♀ Sept 7, 1913

Parrot ♂ Oct 10. 1913  
white neck white collar

---

Sandwich Sparrow ♀ yng Sept 1. 1913

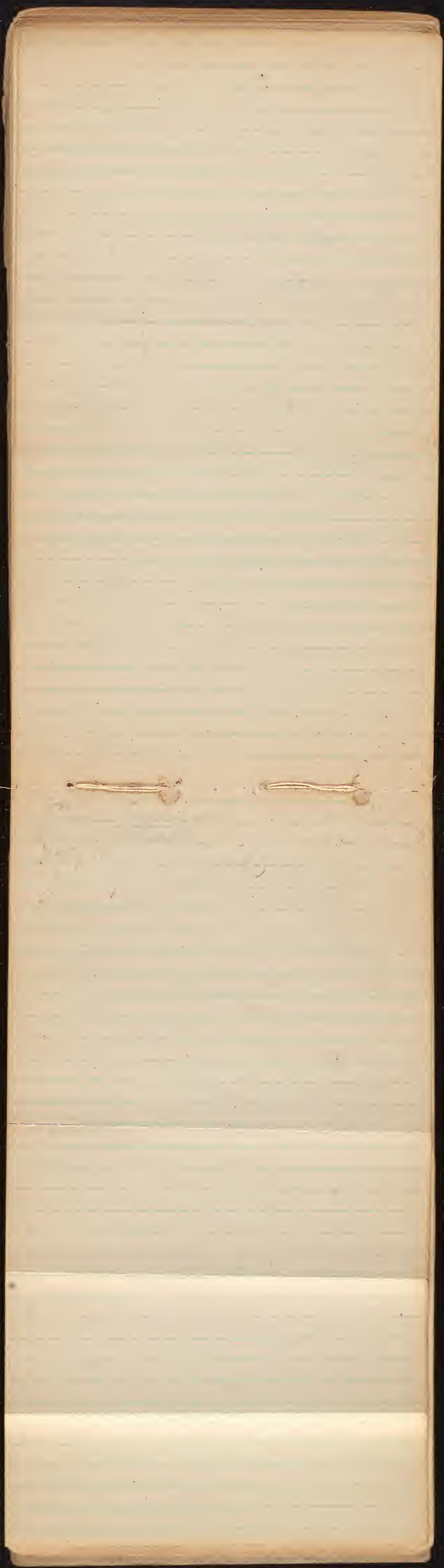
---

Capt. Creep took us of having  
gone in the spring to Boulder  
Island to kill sea lions for  
the walrus. They found 200  
seals and took 5 seals

---

Sandwich Sparrow ♂  
Sept 1917 Dec 766.





Roll 1

1 Bull. Near the [unclear] June 22

} [unclear] June 24  
Bounded & etc.

10 } [unclear] June 25  
11 }  
10 }

Roll 2

NE Point

Rebuses June 27

Roll 3. 1 Bachelors on Hunting <sup>June 27</sup> [unclear]

2 Bulls & Harem N.E. Pt

3 [unclear] etc N.E. Pt

Next [unclear] [unclear]  
[unclear]

Roll 4 Aug 23.

Black Bluffs Melane Hutani

Roll 5 August 24

Roll 6 Sept. 3

1 station @ New Paltz

2 " " "

3 Front Mt Parrott

4 Mt Pawlog

5 " " "

6 " " "

7 " " "

8 Glacier + hills near Resurrection Bay

9 Hills & sea Resurrection Bay

10 Glacier Seeward

11 Sea on morning

Roll 7

1

2 Shore at Cooper Sept 10

3 wharf + Dora "

4 bit of shore bank "

5 Lake look of Seeward

6 Suburbs of Seeward

7 Wharf from near town of Seeward

8 Copper Valley from

9 looking Copper

10

11 Ketchikan

~~Aug 16 Dinner on Tahona 50~~  
~~Aug 17 Supper 45~~  
~~Aug 20 Breakfast 75~~  
~~Aug 29 Dinner 200~~

Aug 30 Dinner on Tahona 50  
 " 31 Supper 45  
 20 Breakfast 75  
 29 Dinner 200

Aug 30 Supper 75  
 " 31 Breakfast 75  
 " " Dinner 50  
 " " Supper 75

Spt 2 returned Alameda in morning for steward.  
 6 meals Spt 1 - din Sept 6. mcs. 11.25  
 6 amount at Sevard in evening + 75  
 Spt 7. Breakfast 65  
 " Dinner 75  
 " Supper 70  
 Spt 8. Breakfast 75  
 " Dinner 65  
 " Supper 75  
 9. Breakfast 75  
 " Dinner 65  
 9. Left Sevard on Alameda at 5.20 3.00  
 " " 1.00  
 11. " 30  
 12. " 50  
 13. " 25  
 14. " 1.50  
 16. Regalia & other Hotel 1.50  
 17. " 1.00  
 " Breakfast 50  
 " Breakfast 40  
 " Cab Hotel to Sevard 25  
 Took on 10.20 for Mail  
 " " 1.05  
 17 Dinner on mail 1.05  
 " Supper " 1.10  
 18 " " 1.05  
 " " 1.10  
 " " 50

Sept 19.	Bk	1.10
	Dinner	1.00
	Supper	1.00
20	Bk	85
	Porter	50
	Arr Chicago 11.57 am	
	Dinner in Chicago	50
	Book from 5.85 for books	
	Bellman to Village	
	Supper en route	1.00
21	Porter fee	25
Sept 21	Breakfast en route	95
	Dinner	1.00
	Porter fee	25
	Passage back St. Louis	35

Seals To be killed for food		
St George		
To be killed (at St Paul)		
for Dec - May inc	500	
To be killed (at St George)		
Used fresh		
June 167	}	1500
July - Nov inc. 833		
Total allotment		1500

St Paul		
To be killed for		
Jan - Apr inc	600	
To be killed & used fresh		
May - June 600	}	2400
July - Dec 1800		
Total allotment		3000

*Pharusculus pallidus* (white)  
*Carinorhiza delphinus* (white) (small)  
*Chrysothrix* - *atropurpurea*  
*Trichia* - *microcarpa*  
*Eriophorum rostratum*  
*Cladophora polytricha*

Bear 3 Afognak Village  
May 1913. Sent to  
Charles Fisher by  
E. M. Bell. See road

also for skulls from  
Kobukto Is.

Have other tracks skulls  
from the Afognak

July 10

Explored in the timber belt near the  
the creek and found some other tracks which  
were probably made by a great number of  
skulls of moose.

It is also true that during the the  
of moose departed on the supply of timber  
with moose.

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1870

8-9-10-11  
8-2-4-6-8-1-7-8-3

Oct 70

5
27
16
19
47
33
37
31
42
27
29
<u>70</u>
351
485
<u>836</u>

65
45
23
41
33
43
33
30
48
21
38
32
47
<u>418</u>

